**Assignment 2**

**Introduction to Software Engineering**

**Due Date: 14th April 2021 11:59 pm**

**Q1**- A Point of Sale (POS) system is a computerized application used (in part) to record sales and handle payments; it is typically used in a retail store. It includes hardware components such as a computer and barcode scanner, and software to run the system. It interfaces to various service applications, such as a third-party tax calculator and inventory control. These systems must be relatively fault tolerant; that is, even if remote services are temporarily unavailable (such as the inventory system), they must still be capable of capturing sales and handling at least cash payments (so that the business is not crippled).

**Develop 5 questions for a questionnaire and 3 interview questions for the client of this software system. Your questions should be linked to the system and help clarify any assumptions or ambiguity regarding the system you need while making this software.**

**Q2**-Following are the most important techniques for requirements elicitation. Fill the following table for each technique.

1. Analysis of existing systems or documentation, background reading
2. Task observation, ethnography
3. Brainstorming
4. Onsite Visit
5. Prototyping

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| --- | --- | --- | --- | --- |
| Technique | Good for what kind of system | Kind of Data (Qualitative/Quantitative) | Strong Points | Weak Points |
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